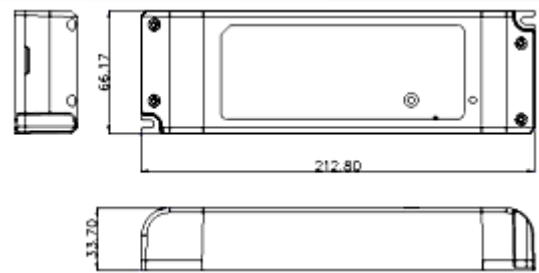


# Smart LED Driver – CE Series

## Features

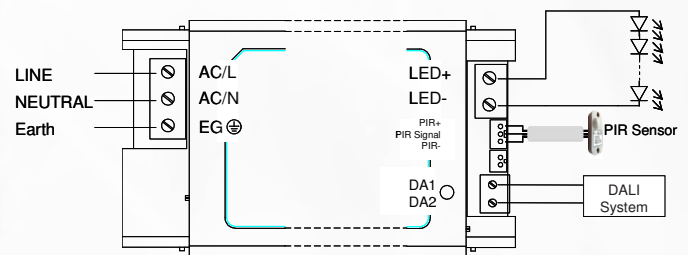
- Developed for indoor LED lighting, meets the IEC-62386 (DALI) international standard.
- Designed for DALI loop, easy installment, requires only two wires regardless of signal polarity.
- 10% to 100% broad and linear dimming range, stable output illumination without flickering.
- Efficiency > 80% and power factor > 95% in full power output.
- DALI has a protective circuit.
- Gradual and soft variation in illumination adjustment significantly improve the shortcomings of the traditional ON-OFF control and make people more comfortable.
- The rate of variation in the light source can be adjusted.
- Can be set to be controlled in a group manner and 16 scenes with different illumination.
- Can be used in conjunction with a PIR human body sensor to achieve automatic energy-saving capability.
- Up to 80% electricity can be saved if the energy-saving luminance control is carried out

## Dimensions (Unit: mm)



66.17(W)×212.8(L)×33.7(H)

## Wiring



## Applications

- If the central control host is not available, lighting control can be executed via a DALI switch on the wall or via a PIR detector.
- If used in conjunction with a PIR detector, smart lighting control can be achieved automatically based on the actual condition, the central control host is not necessary.
- If used in conjunction with a PIR detector, light intensity will be reduced automatically when no person is present. Consequently, the life of light sources can be extended. Moreover, the heat dissipated by the light can be reduced, and the power required for the air conditioner to expel the extra heat can be decreased. This exemplifies green energy and smart lighting control
- If the central control host is available, the device can be used in conjunction with the optional PIR detector to perform security monitoring, i.e., intrusion detection.

## Model List

Model	Input Power	Operating Temperature	LED Load
DDL-45-20-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	45W(20V/2.25A)
DDL-45-24-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	45W(24V/1.88A)
DDL-45-27-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	45W(27V/1.67A)
DDL-45-36-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	45W(36V/1.25A)
DDL-45-40-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	45W(40V/1.13A)
DDL-45-48-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	45W(48V/0.94A)
DDL-60-20-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	60W(20V/3A)
DDL-60-24-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	60W(24V/2.5A)
DDL-60-27-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	60W(27V/2.22A)
DDL-60-36-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	60W(36V/1.67A)
DDL-60-40-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	60W(40V/1.5A)
DDL-60-48-CE	AC 100~240V 50/60Hz	-10 ~ 70°C	60W(48V/1.25A)

\*\* Customized design from 40W to 60W